



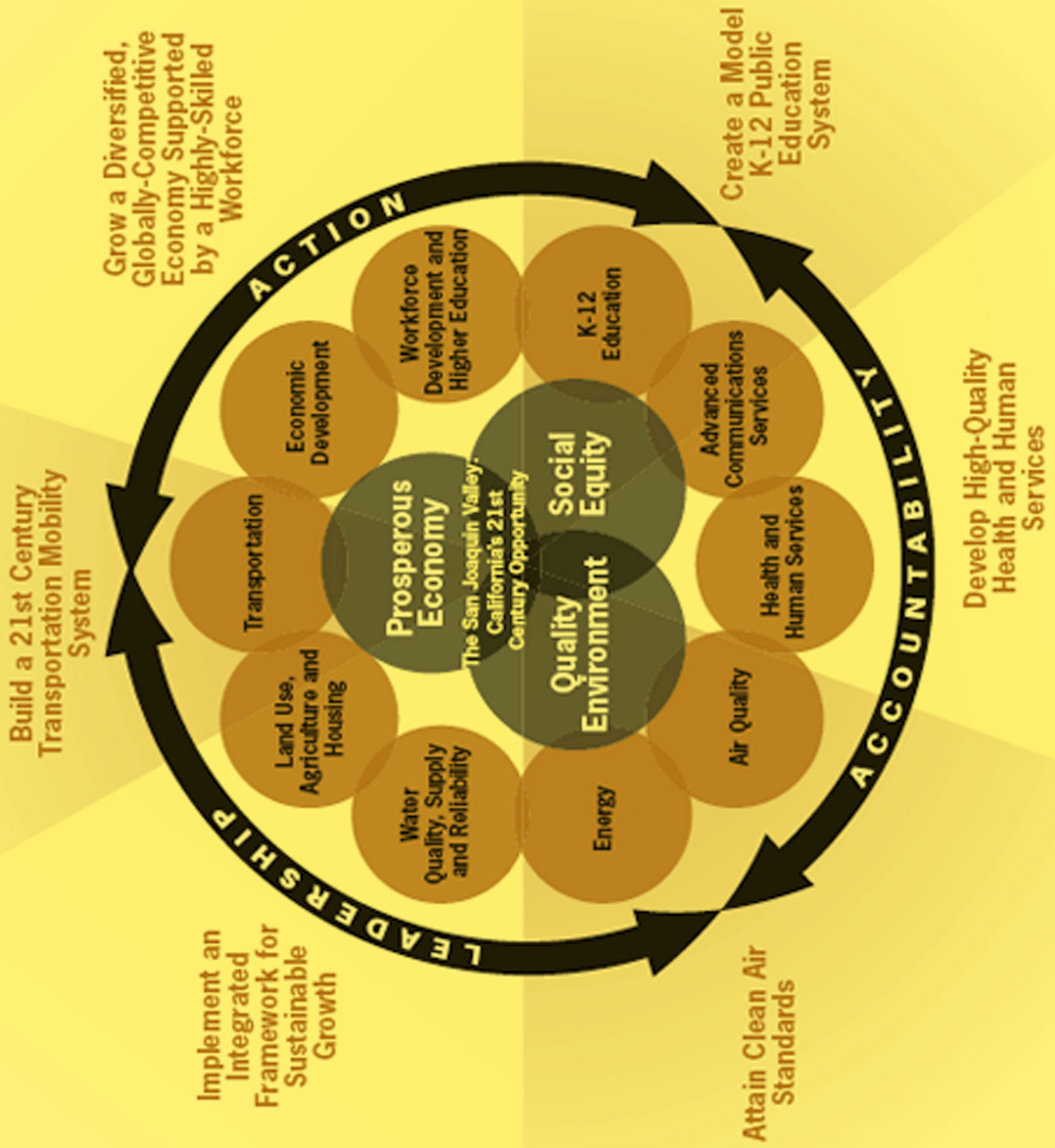
California Partnership for the  
**San Joaquin Valley**

*Water Quality, Supply and Reliability*

# The Partnership

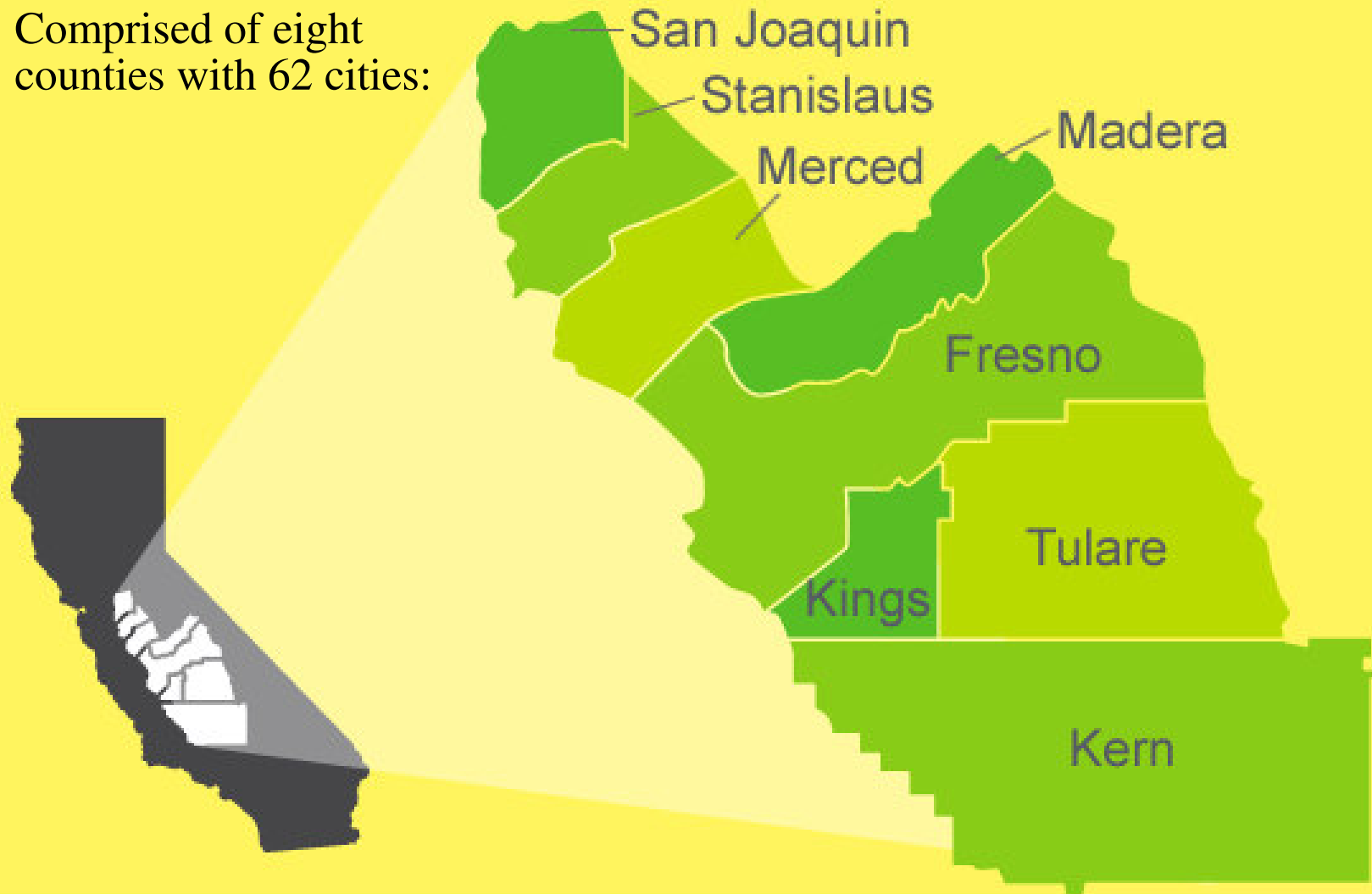
- **Unprecedented** public-private partnership
  - focused on improving the region's economic vitality and quality of life for the 3.4 million residents who call the San Joaquin Valley home
- Addressing the challenges of the region by implementing **measurable actions**
  - on economic, environmental, and social levels to help the San Joaquin Valley emerge as *California's 21st Century Opportunity*





# The San Joaquin Valley

Comprised of eight counties with 62 cities:



# 2005 - Expanding the Vision

***Merger of the Federal water planning  
with the California Partnership for  
the San Joaquin Valley***



# Water Quality, Supply and Reliability

## GOAL 1

- **Develop and implement a comprehensive San Joaquin Valley Regional Water Plan.**
  - Provide management, technical and administrative support for development of the San Joaquin Valley Regional Water Plan
  - Coordinate and integrate the San Joaquin Valley Regional Water Plan with other key plans for management of the region's water resources.



# Water Quality, Supply and Reliability

## GOAL 2

- **Strengthen levees in the Sacramento-San Joaquin Delta and San Joaquin Valley to safeguard regional water quality and quantity, and provide flood control.**
  - Improve the levees of the San Joaquin, Kings and Kern Rivers and tributaries to assist communities meet 100-year+ flood protection standards and levee certification standards from the FEMA.
  - Improve significantly the integrity of the Delta levee system.



# Water Quality, Supply and Reliability

## GOAL 3

- **Augment surface, groundwater banking programs and recycled water projects in the San Joaquin Valley.**
  - Complete Upper San Joaquin River Basin Project
  - Promote and support up to five conjunctive use projects that can be commissioned or enhanced in the 2007 – 2017 period.
  - Develop recycled and inland brackish water projects to expand regional water supplies.





# Water Quality, Supply and Reliability

## GOAL 4

- **Develop and implement water quality and salinity management infrastructure**
  - Develop a Salinity Management Plan to be implemented as an update to the San Joaquin River and Tulare Lake Basin Plans
  - Ensure all communities have adequate sanitary sewage disposal facilities.
  - Ensure all communities provide water that meets state and federal drinking water standards.



# Water Quality, Supply and Reliability

## GOAL 5

- **Expand Environmental Restoration**
  - Develop and implement a San Joaquin Valley Ecosystem Restoration Plan.
  - Complete San Joaquin River restoration consistent with the settlement between the Friant Water Users Authority and the Natural Resources Defense Council (NRDC)



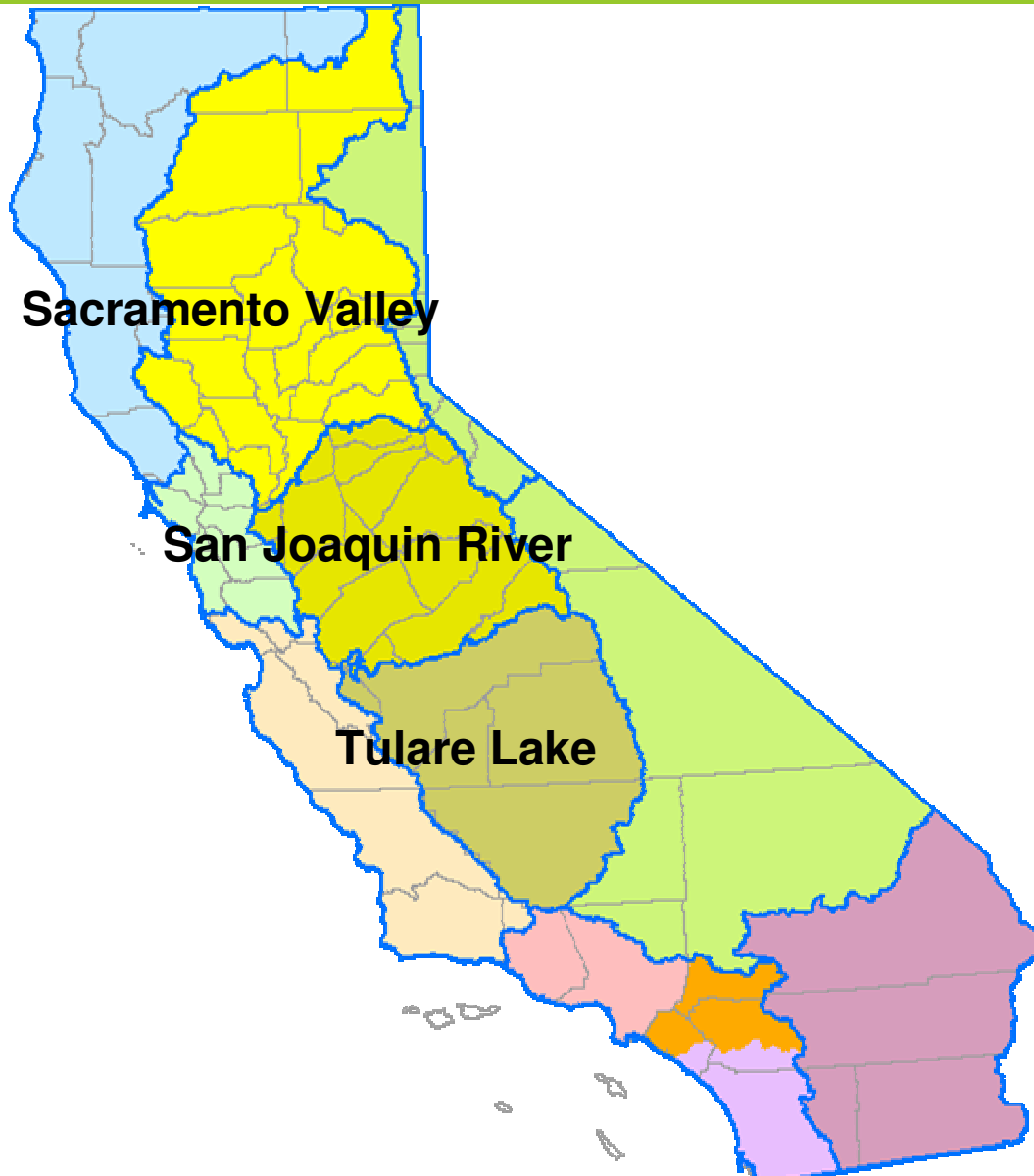
# Water Quality, Supply and Reliability

## GOAL 6

- **Expand agricultural and urban water-energy use efficiency programs.**
  - Implement cost effective, results-oriented, agricultural water-energy use efficiency diagnostic, repair and retrofit projects.
  - Implement a public awareness and education program about water-energy use conservation.



# Hydrologic Regions of the Central Valley



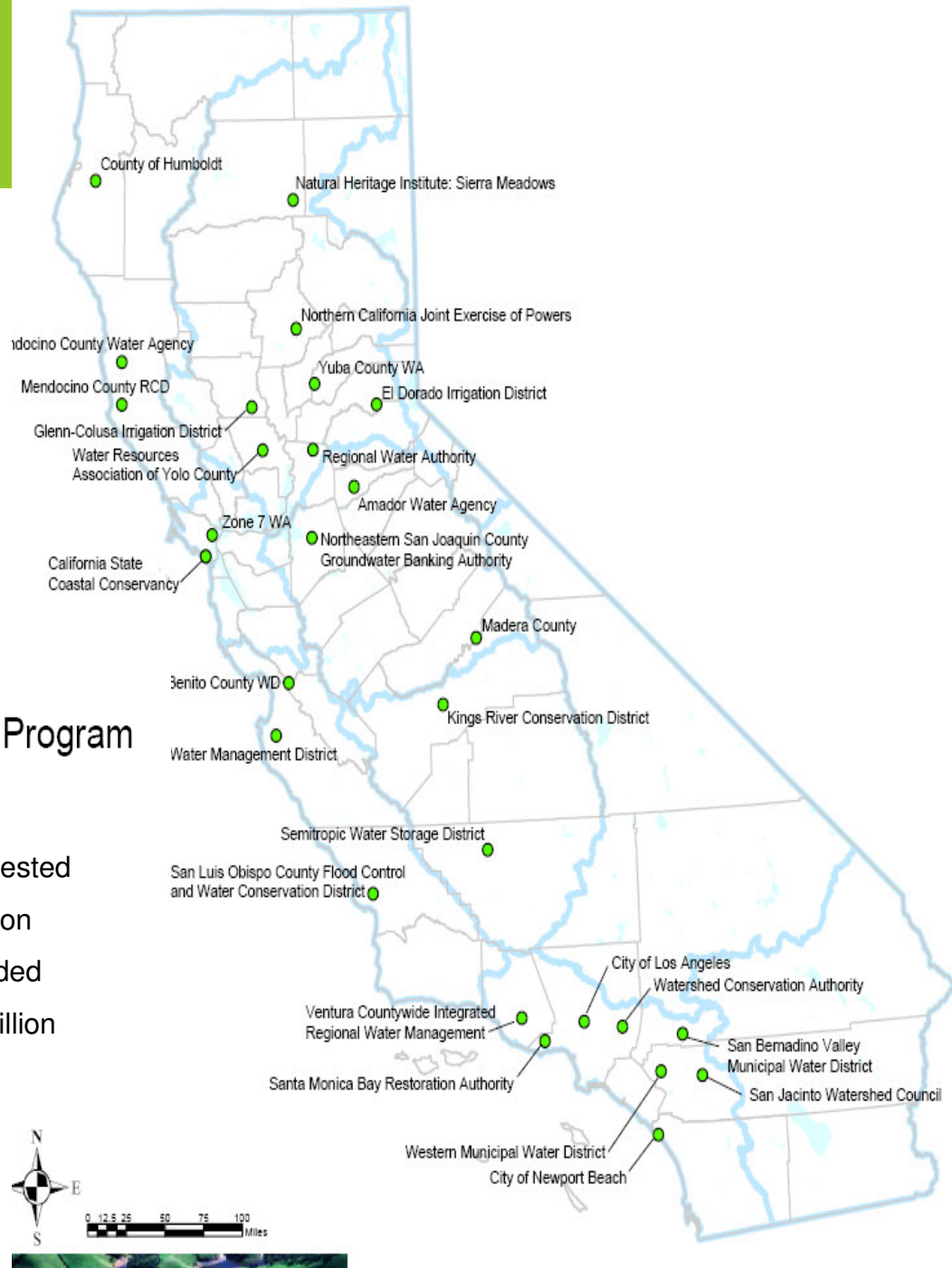
# Overview of California Water Planning & Infrastructure Funding Guidelines

- Proposition 50, Chapter 8
  - Round 1 – Integrated Regional Water Management (IRWMP) Planning Grants - \$12.6 million awarded.  
\$22 million requested.
  - Step 2 – Implementation Grants \$175 million awarded.  
\$1.4 billion requested.  
Estimated project costs \$4.1 billion
  - Round 2 – Implementation Grants \$21 million for Northern California. Step 1 Pre-proposals due August 1
- Propositions 1E & 84 Guidelines
  - Under development. Public review fall 2007.



## Proposition 50, Chapter 8 Integrated Regional Water Management Program Planning Grants

CA Applications	SJV Applications	Total Requested
55	8	\$21 million
SWRCB Approved	SJV Approved	Awarded
28	4	\$12.6 million



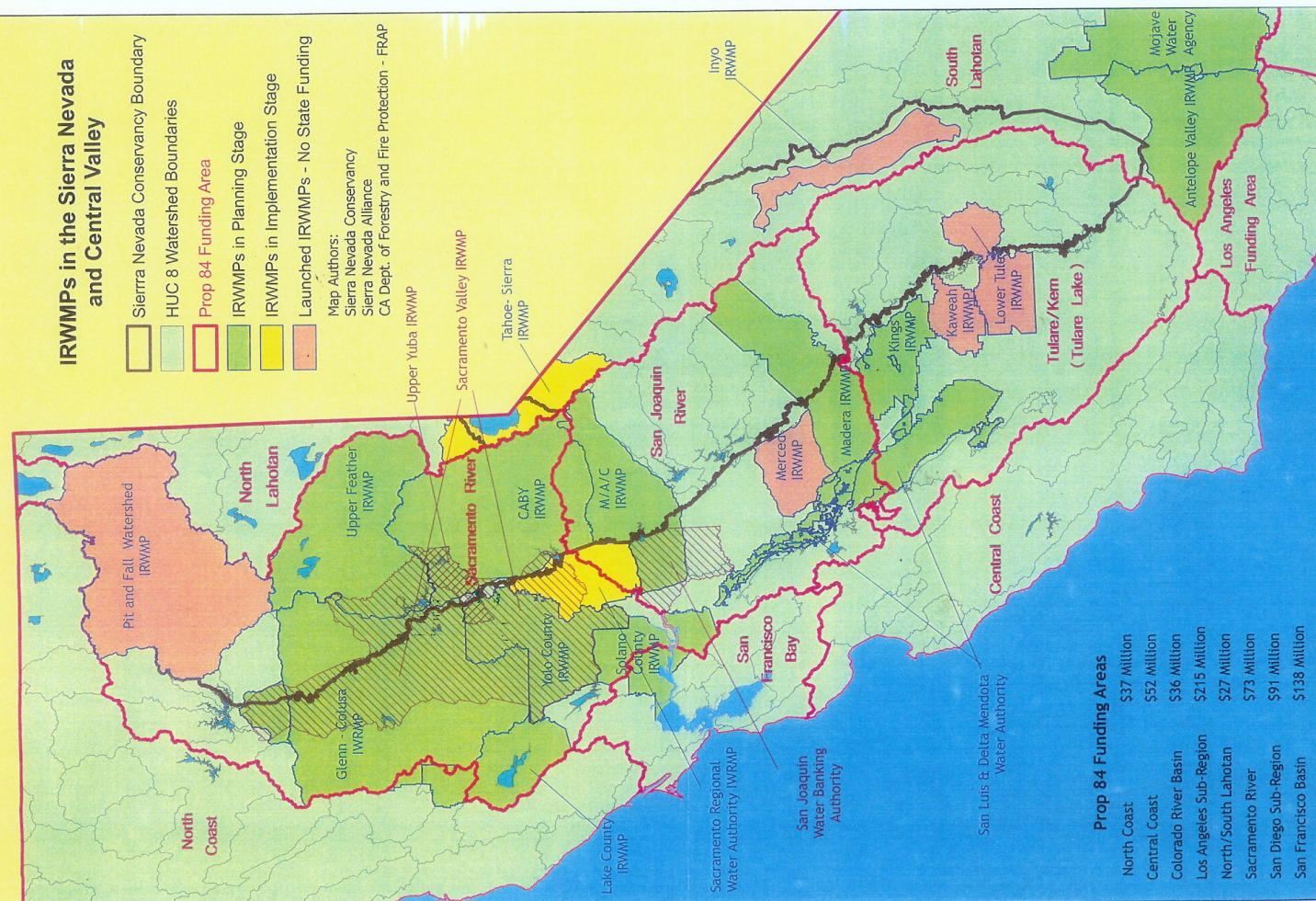




## IRWMPs in the Sierra Nevada and Central Valley

- Sierra Nevada Conservancy Boundary
- HUC 8 Watershed Boundaries
- Prop 84 Funding Area
- IRWMPs in Planning Stage
- IRWMPs in Implementation Stage
- Launched IRWMPs - No State Funding

Map Authors:  
Sierra Nevada Conservancy  
Sierra Nevada Alliance  
CA Dept. of Forestry and Fire Protection - FRAP



# ROUND 1 IRWM IMPLEMENTATION GRANT STEP 2

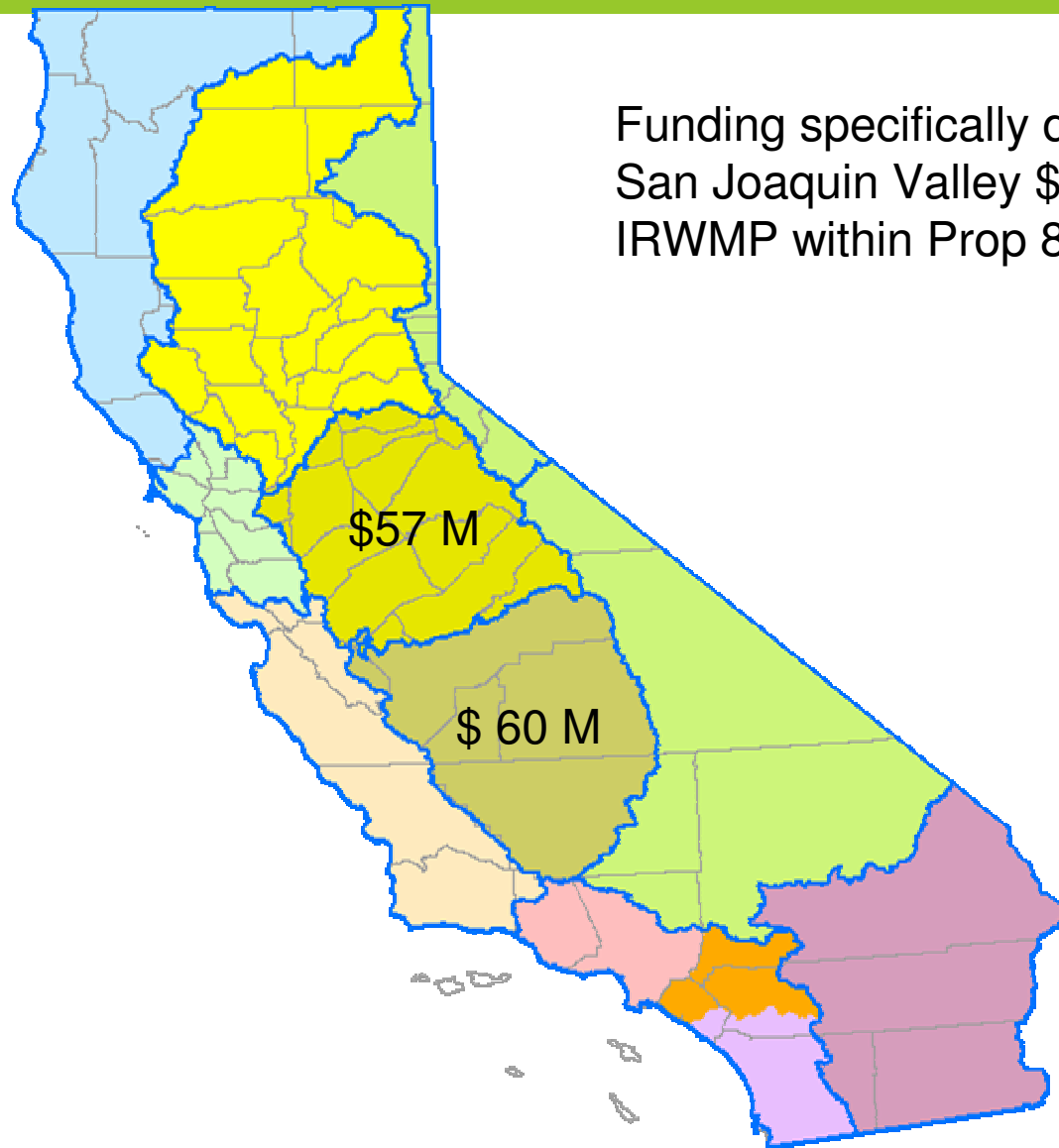
## PROPOSAL

Applicant	Project Cost	Funding Recommendation
County of Humboldt[	\$100,000,000	\$25,000,000
Tahoe RCD	\$32,306,291	
<b>San Luis DMWA</b>	<b>\$60,596,100</b>	<b>\$25,000,000</b>
Ventura County Watersheds	\$65,740,971	\$25,000,000
Mojave Water Agency	\$48,594,500	
County of Orange	\$153,194,599	\$25,000,000
Regional Water Authority	\$407,608,878	\$25,000,000
Pajaro Valley WMA	\$117,903,271	\$25,000,000
Bay Area CWA	\$370,046,256	
Contra Costa WD	\$197,096,853	
Santa Ana WPA	\$254,661,300	
Los Angeles County FCD	\$112,624,893	\$25,000,000
Comm. Found. of Santa Cruz Co	\$68,605,392	
Monterey County WRA	\$79,493,318	
County of Plumas	\$13,966,586	
N. CA Joint Exercise of Powers	\$29,868,083	





# Proposed Prop 84 Funding for SJV



# Proposition 84 at a Glance

## Program

## Amount of Funding

• Safe Drinking Water and Water Quality	\$525 million
• Integrated Regional Water Management	\$1 billion
• Flood Control	\$800 million
• Statewide Water Planning and Design	\$65 million
• Protection of Rivers, Lakes and Streams	\$928 million
• Forest and Wildlife Conservation	\$450 million
• Coastal Protection	\$540 million
• Parks / Nature Education Facilities	\$500 million
• Sustainable Communities / Climate Change	<u>\$580 million</u>
•	<b><i>Total \$5.4 billion</i></b>

- *Slide courtesy of ACWA*

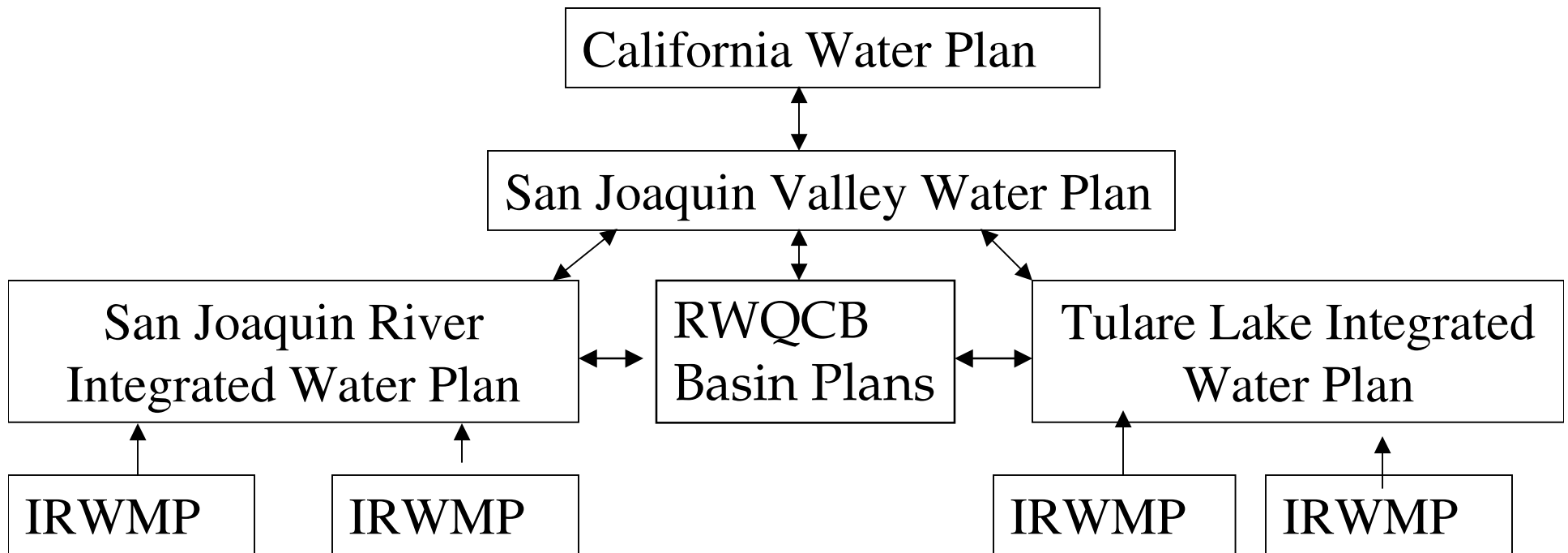


# Recent Collaborative Water Plans- Issue Area Comparison

- **California Partnership for the San Joaquin Valley – Water Element, October 2006**
- **DWR – “California Water Plan- Bulletin 160-05 Dec 05**
- **ACWA – “Blueprint for California Water” May 2005**
- **Public Policy Institute for California – June 2005**
- **Pacific Institute – September 2005**
- **Planning & Conservation League – November 2004**



# *Development of the San Joaquin Valley Water Plan*



IRWMP = Integrated Regional Water Management Plan  
RWQCB = Regional Water Quality Control Board

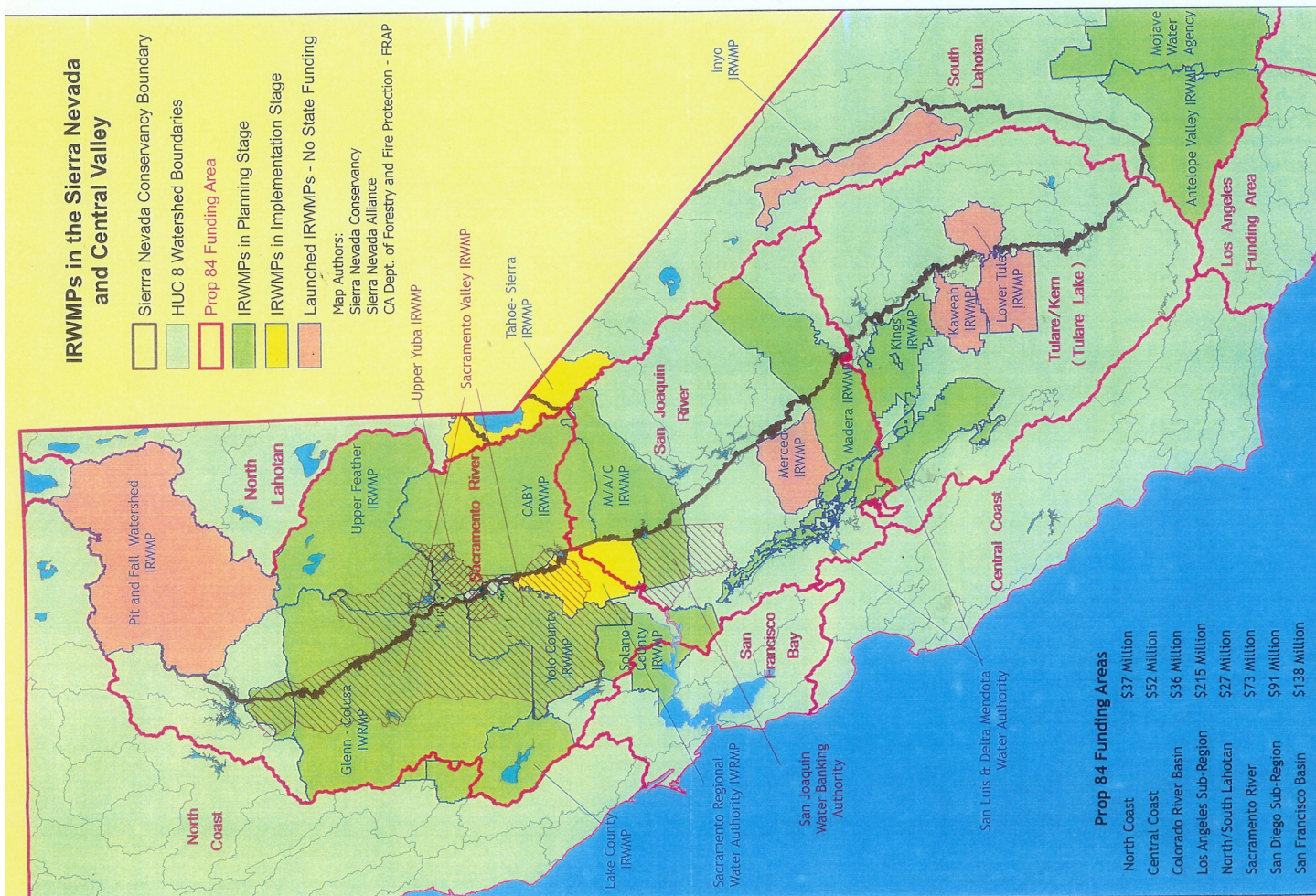




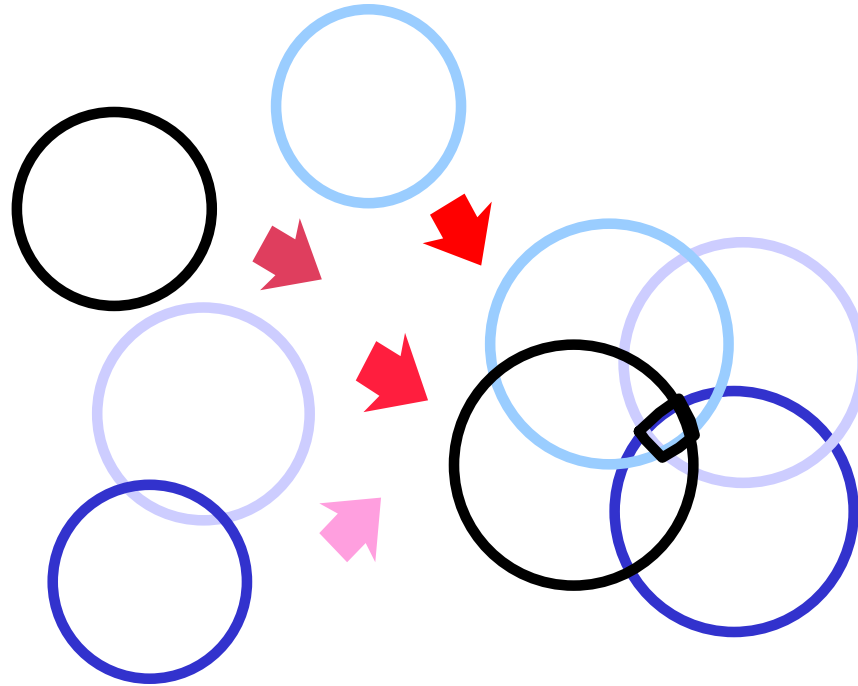
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# Integrated Regional Water Management Plans



*Integration = Projects*





# Non-Inclusive Projects Identified from California Partnership Projects List

Category		Budget Estimate
Statewide Significance	(4 projects)	\$1.095 billion
Regional Benefit	(8 projects)	\$1.265 billion
<b>Water Quality/Supply Enhancement/Flood Protection</b>		
Fresno County	13 projects	\$78 million
Kern County	12 projects	\$35 million
Kings County	5 projects	\$21 million
Madera County	3 projects	\$91 million
Merced County	3 projects	\$12 million
San Joaquin County	17 projects	\$1.7 billion
Stanislaus County	4 projects	\$34 million
Tulare County	5 projects	\$28 million
TOTAL	62 projects	<b>\$1.999 Billion</b>
<b>Waste Treatment</b>		
All Counties	24 projects	<b>\$169 million</b>
<b>TOTAL ALL CATEGORIES</b>	<b>98 projects</b>	<b>\$4.528 BILLION</b>

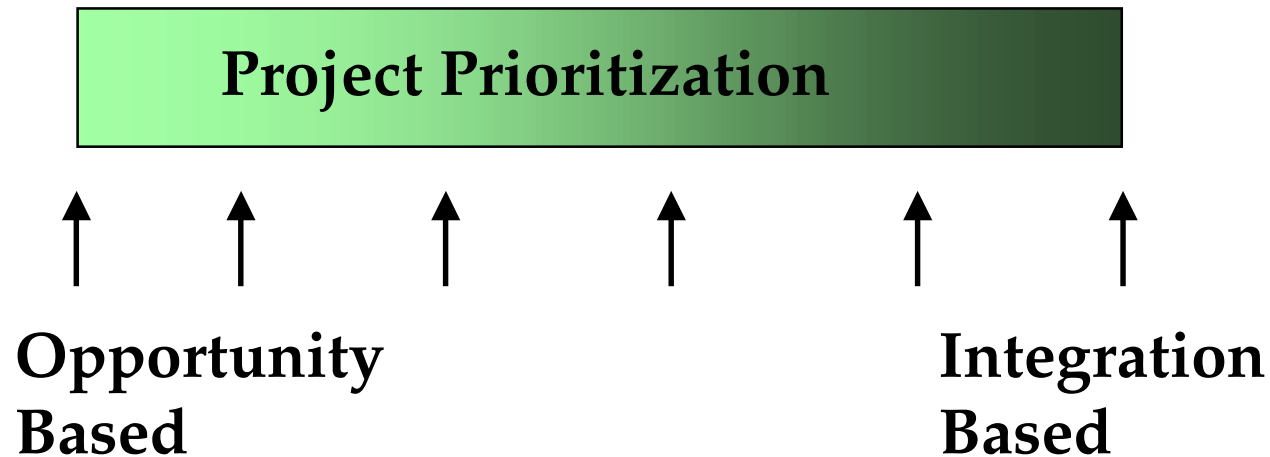
**California partnership Water Projects Link;**

<http://www.bth.ca.gov/capartnership/pdf/0906waterprojectslist.pdf>

Assembled originally by Dave Orth & Sarge Green February 2006  
as a data set input for Water Bond required funding to CA Legislature

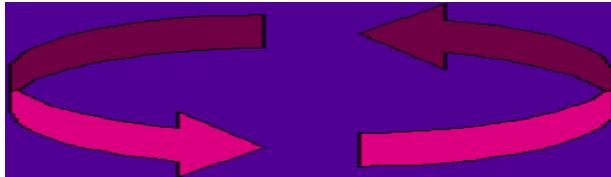


# San Joaquin Valley Water Plan

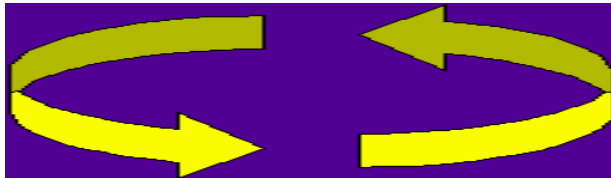




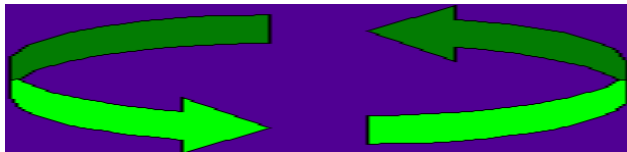
# Integrated Processes



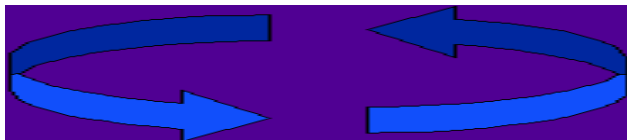
**California Water Plan**



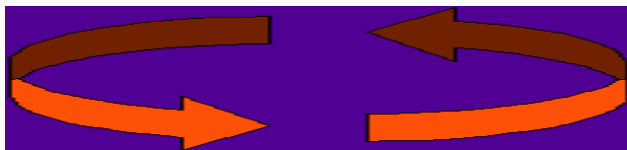
**San Joaquin Valley Plan**



**Regional Integrated Plans**



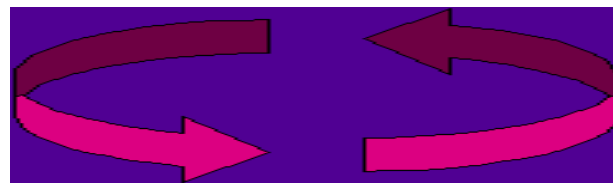
**IRWMPs**



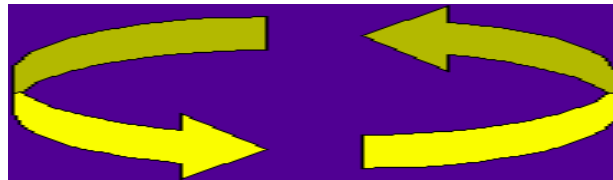
**Local/Individuals**



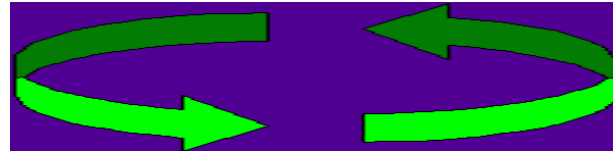
# Integrated Processes



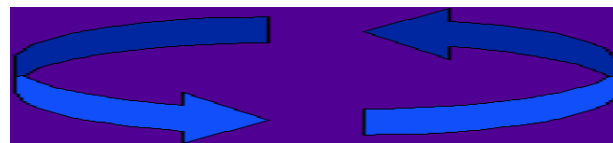
State



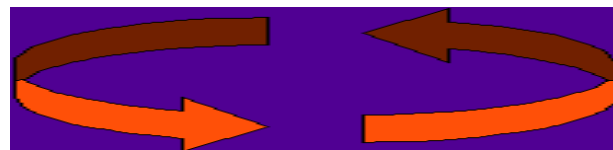
Valley



Regional



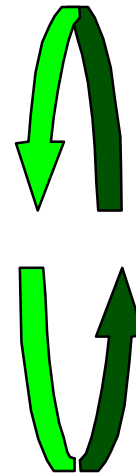
IRWMP



Local



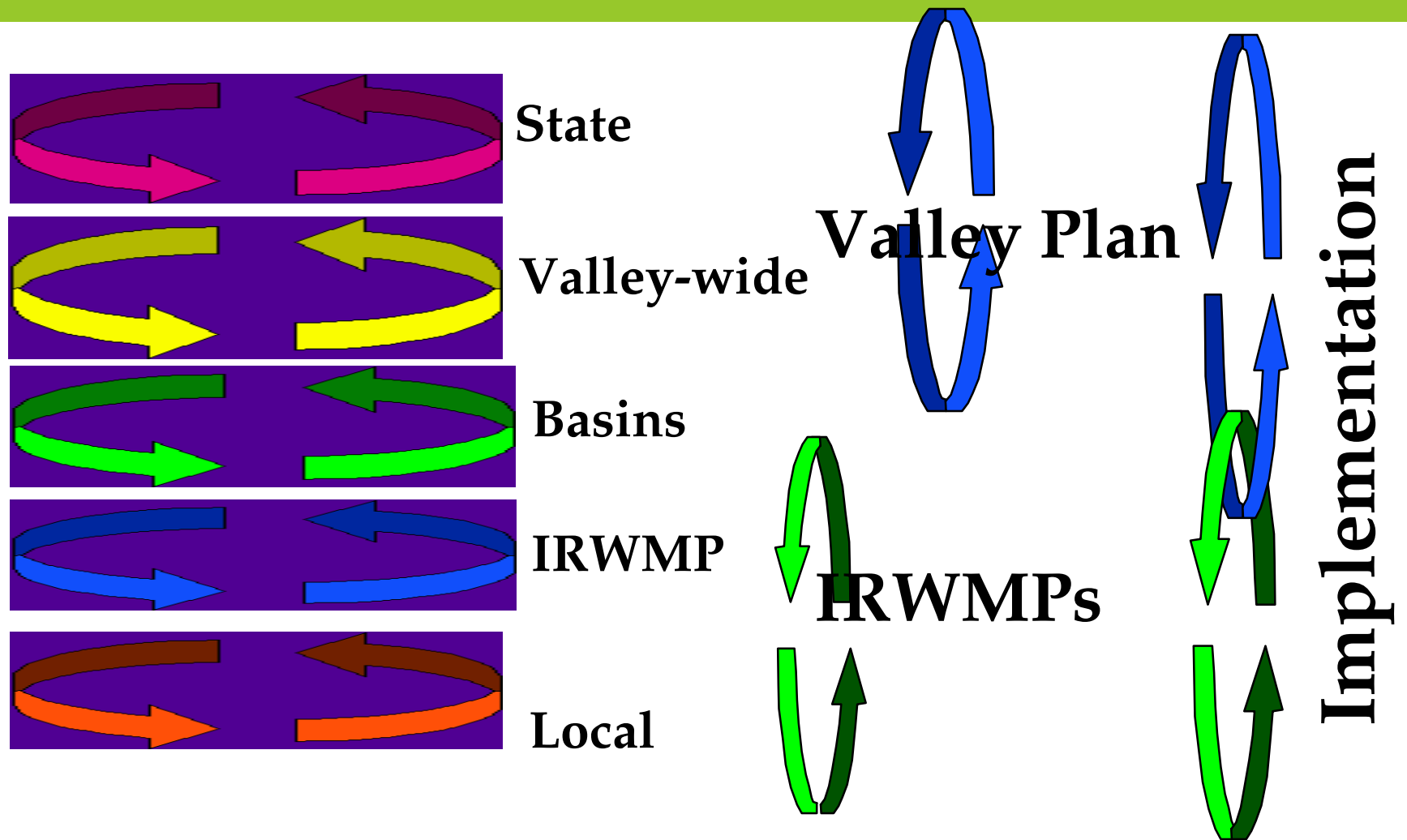
SJV Plan



Regional Integrated  
Planning  
(IRWMPs)



# Integrated Processes



# Future

**The significant problems we face cannot be solved by the same level of thinking that created them.**

*Albert Einstein*



# Engaging in the Process

- Reminder, the SJV will have available \$117 million for integrated water management.
- Seeking leadership to help get the right people to the table.
- First step beyond their own local needs for the benefit of the Valley
- We need the structure first to be able to implement a valley-wide effort
- The success is an organization that adapts to needs of the Valley.
- If \$\$\$ are the only focus as opposed to Valley-wide team building, the effort will fail.



# Integrated Planning Portals

**Sub-Regional  
IRWMPs**

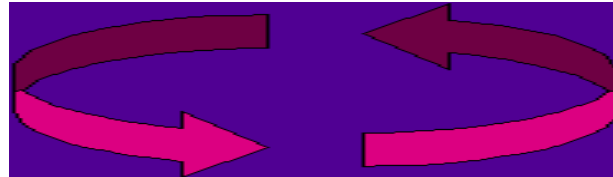
**Tulare Lake & San Joaquin  
River Regional Plans**

**San Joaquin Valley  
Regional Water Plan**

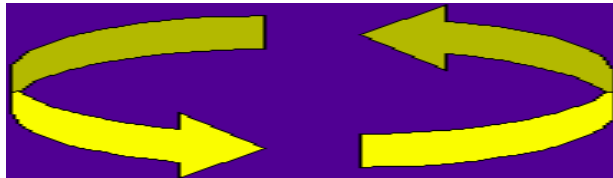
**No one Left Behind**



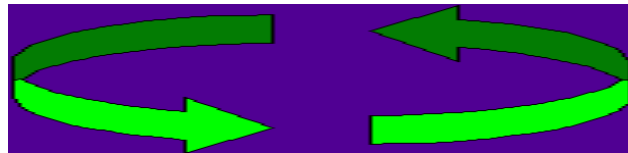
# Implementation



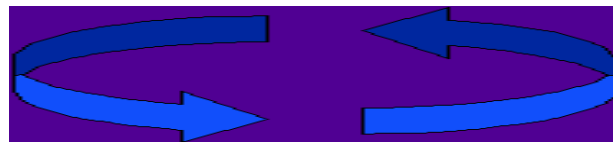
State



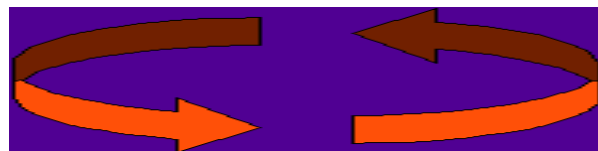
Valley



Regional



IRWMP



Local

SJV Plan

Sub-regional

Plans

Implementation



If you're going to eat elephants,  
you have to do it in bite-sized  
pieces - but you don't have to eat  
the whole elephant.

*Not Albert Einstein*





# CWI – IRWM CONTACT TEAM

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<http://www.californiawater.org>  
<http://www.sjvpartnership.org>

